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FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.
P00592SERIAL NO.
09/973,332

APPLICANT: DeVor t al.

FILING DATE 10/09/01

GROUP 1654

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	6	1	8	3	4	9	8		Devore et al.			
	5	8	7	4	5	3	7		Kelman et al.			
	5	3	5	4	3	3	6		Kelman et al.			
	5	2	9	0	5	5	2		Sierra et al.			
	6	1	3	6	3	4	1		Petito			
	5	8	2	4	0	1	5		Sawyer			
	5	6	1	8	5	5	1		Tardy et al.			
	5	5	5	2	4	5	2		Khadem et al.			
	5	1	5	6	6	1	3		Sawyer			
<i>[Signature]</i>	6	3	3	5	0	0	7		Shimizu et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication**)

<i>[Signature]</i>		Guidoin, R, Marceau, D, Coutre, J, Rao, TJ, Merhi, Y, Roy, PE, and De la Fay, D. Collagen coatings as biological sealants for textile arterial prostheses. Biomaterials, 10:642, 1989
		Jakob, H, Campbell, CD, Stemberger, A, Wriedt-Lubbe, I, Blumel, G, and Replogle, RL. Combined application of heterologous collagen and fibrin sealant for liver injuries. J. Surg. Res. 36: 571-577, 1984
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		San-Galli, F, Darrouzet, V, Riverl, J, Baquey, C, Ducassou, D, and Guerin, J, Experimental evaluation of a collagen-coated vicryl mesh as a dural substitute, Neurosurgery, 30: 396-401, 1992
		Goins, KM, Khadem, J, Majmudar, PA, and Ernest, JT, Photodynamic biologic tissue glue to enhance corneal wound healing after radial keratotomy. J. Cataract Refract. Surg., 23: 1331-1338, 1997
<i>[Signature]</i>		Nakayama, Y and Matsuda, T. Photocurable surgical tissue adhesive glues composed of photoreactive gelatin and poly(ethylene glycol) diacrylate. J. Biomed. Mater. Res., 48:511-521, 1999.

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DATE CONSIDERED

3/16/04

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<i>[initials]</i>	6	5	4	7	8	0	6		Ding			
<i>[initials]</i>	6	4	7	1	9	9	3		Shastri et al.			
<i>[initials]</i>	5	4	1	2	0	7	6		Gagnieu			
<i>[initials]</i>	5	6	9	0	6	7	5		Sawyer et al.			

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OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication**)

<i>[initials]</i>		Feito, BA, Rath, AM, Longchampt, E, Azorin, J, Experimental study on the in vivo behavior of a new collagen glue in lung surgery, Eur. J. Cardiothorac. Surg., 17:8-13, 2000
		Czerny, M, Verrel, F, Weber, H, Muller, N, Kircheis, L, Lang, W, Steckmeier, B, and Trubel, W, Collagen patch coated with fibrin glue components. Treatment of suture hole bleedings in vascular reconstruction, J. Cardiovasc. Surg., 41:553-557, 2000
		Sekine, T, Nkamura, T, Shimizu, Y, Ueda, H, Matsumoto, Y, Takimoto, Y, and Kiyotani, T, A new type of surgical adhesive made from porcine collagen and polyglutamic acid, J. Biomed. Mater. Res., 54:305-310, 2001
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		Oiwa, H, Takamoto, S, Murakami, A, Tanaka, O, and Furuse, A, Experimental study of small arterial anastomosis with gelatin-recorcinol-formaldehyde glue and collagen sheet, Artif. Organs 25:281-291, 2001
		Okino, H, Nakayama, Y, Tanaka, M, and Matsuda, T, In situ hydrogelation of photocurable gelatin and drug release, J. Biomed. Mater. Res., 59:233-245, 2002
		Wise, PE, Wudel, LJ, Jr, Belous, AE, Allos, TM, Kuhn, SJ, Fuerer, ID, Washington, MK, Pinson, CW, and Chapman, WC, Biliary reconstruction is enhanced with a collagen-polyethylene glycol sealant, Am. Surg., 68:561-562, 2002
<i>[initials]</i>		Martis, G, Miko, I, Szendroi, T, Kathy, S, Kovacs, J, Hajdu, Z, Results with collagen fleece coated with fibrin glue (TachoComb). A macroscopical and histological experimental study, Acta Chir. Hung., 36:221-222, 1997

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EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	0	0	2	2	5	8	8A		Wilkie et al.			
	6	1	9	7	9	3	4		DeVore et al.			
	6	5	4	7	7	9	4		Auge, II			
	5	7	4	9	8	9	5		Sawyer et al.			
	5	8	9	5	4	1	2		Tucker			
<i>[Signature]</i>	5	7	9	1	3	5	2		Reich et al.			

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OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

<i>[Signature]</i>		Conroy, "Aqueous-based lubricious coating technology: another option for manufacturers." Medical Device Technology, October 1998.
		ASI, "U.S. adhesives and sealants market to reach \$13.5 billion in 2003," Business New Publishing, September 27, 2000, www.adheisivemag.com/CDA/ArticleInformation/features/BNP_Features?Item/02.101.11471.00.html .
		Ellis et al., The university of minnesota biocatalysis/biodegradation database: microorganism, genomics and prediction, Nucleic Acids Research, 2000, vol. 28, no. 1, pp. 377-379.
<i>[Signature]</i>		Alberts et al. Molecular biology of the cell. Garland Publishing, Inc. 1994. pp. 979, Fig. 19-40.

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